

DEEP GROOVE BALL BEARINGS SINGLE ROW

Series: 60... 62... 63... 64... 622.. 623... 160... 618... 619...



Subject	Symbol	Description
Seal type	ZZ	Metal shields on both sides
	2RS	Rubber seals on both sides
	Z	Metal shield on one side
	RS	Rubber seal on one side
Radial internal clearance	C2	Less than normal
	CN	Normal clearance. Is not indicated as a standard
	C3	Greater clearance than normal
	C4	Greater than C3
	C5	Greater than C4
Other technical modifications	NR	Groove with inserted snap ring in outer ring
	N	Snap ring groove in the outer ring
	SS	Stainless steel
Cage type	M	Brass cage ball guided
	MB	Brass cage, inner ring centered
	MA	Brass cage, outer ring centered
Speed ratings	V	Normal vibration level. Is not indicated as a standard
	V2	Lower vibration level than normal
	V3	Lower vibration level than V2
	V4	Lower vibration level than V3
Tolerances	P0	Normal tolerance level. Is not indicated as a standard
	P6	Greater tolerance level than P0
	P5	Greater tolerance level than P6

ISO	GOST	Dimensions (mm)			Basic Load Ratings (N)		Limiting speed (r/min)		Weight (kg)
							Lubrication		
		d	D	B	Dyn. C	Stat. C ₀	Grease	Oil	
6338	338	190	400	78	371000	430000	1600	1900	49,000
6340	340	200	420	80	377000	465000	1500	1800	55,500
6344	344	220	460	88	410000	520000	1400	1600	60,800
6348	348	240	500	95	470000	624000	1300	1500	93,300
6352	352	260	540	102	531000	741000	1200	1400	116,000
6356	356	280	580	108	568000	845000	1100	1300	145,000
6360	360	300	620	109	593000	886000	1000	1150	169,000
6364	364	320	670	112	634000	1010000	900	1050	207,00
6368	368	340	710	118	704000	1160000	800	950	238,00
6403	403	17	62	17	22900	10800	13000	15000	0,270
6403 ZZ	80403	17	62	17	22900	10800	13000	15000	0,270
6403 2RS	180403	17	62	17	22900	10800	8000	-	0,270
6404	404	20	72	19	31000	15200	9500	12000	0,400
6404 ZZ	80404	20	72	19	31000	15200	9500	12000	0,400
6404 2RS	180404	20	72	19	31000	15200	6300	-	0,400
6405	405	25	80	21	35800	19300	8500	10000	0,530
6405 ZZ	80405	25	80	21	35800	19300	8500	10000	0,530
6405 2RS	180405	25	80	21	35800	19300	5600	-	0,530
6406	406	30	90	23	43600	23600	7500	9000	0,740
6406 ZZ	80406	30	90	23	43600	23600	7500	9000	0,740
6406 2RS	180406	30	90	23	43600	23600	5000	-	0,740
6407	407	35	100	25	55300	31000	6700	8000	0,950
6407 ZZ	80407	35	100	25	55300	31000	6700	8000	0,950
6407 2RS	180407	35	100	25	55300	31000	4500	-	0,950
6408	408	40	110	27	63700	36500	6000	7000	1,250
6408 ZZ	80408	40	110	27	63700	36500	6000	7000	1,250
6408 2RS	180408	40	110	27	63700	36500	4000	-	1,250
6409	409	45	120	29	76100	45000	5300	6300	1,550
6409 ZZ	80409	45	120	29	76100	45000	5300	6300	1,550
6409 2RS	180409	45	120	29	76100	45000	3600	-	1,550
6410	410	50	130	31	87100	52000	5000	6000	1,900
6410 ZZ	80410	50	130	31	87100	52000	5000	6000	1,900
6410 2RS	180410	50	130	31	87100	52000	3400	-	1,900
6411	411	55	140	33	99500	62000	4500	5300	2,300
6411 ZZ	80411	55	140	33	99500	62000	4500	5300	2,300
6411 2RS	180411	55	140	33	99500	62000	3000	-	2,300
6412	412	60	150	35	108000	69500	4300	5000	2,750
6412 ZZ	80412	60	150	35	108000	69500	4300	5000	2,750
6412 2RS	180412	60	150	35	108000	69500	2800	-	2,750
6413	413	65	160	37	119000	78000	4000	4800	3,300
6413 ZZ	80413	65	160	37	119000	78000	4000	4800	3,300
6413 2RS	180413	65	160	37	119000	78000	2600	-	3,300
6414	414	70	180	42	143000	10400	3800	4500	4,850
6414 ZZ	80414	70	180	42	143000	10400	3800	4500	4,850
6414 2RS	180414	70	180	42	143000	10400	2500	-	4,850
6415	415	75	190	45	153000	114000	3700	4400	6,800
6415 ZZ	80415	75	190	45	153000	114000	3700	4400	6,800
6415 2RS	180415	75	190	45	153000	114000	2300	-	6,800
6416	416	80	200	48	162000	125000	3600	4200	6,422
6416 ZZ	80416	80	200	48	162000	125000	3600	4200	6,422
6416 2RS	180416	80	200	48	162000	125000	2100	-	6,422
6417	417	85	210	52	174000	137000	3400	4000	9,500
6417 ZZ	80417	85	210	52	174000	137000	3400	4000	9,500
6417 2RS	180417	85	210	52	174000	137000	1800	-	9,500
6418	418	90	225	54	186000	150000	3200	3800	9,560
6418 ZZ	80418	90	225	54	186000	150000	3200	3800	9,560
6418 2RS	180418	90	225	54	186000	150000	1400	-	9,560
6419	419	95	240	55	188000	153000	3000	3500	11,000

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6419 ZZ	80419	95	240	55	188000	153000	3000	3500	11,000
6419 2RS	180419	95	240	55	188000	153000	1100	-	11,000
6420	420	100	250	58	206000	175000	2900	3400	12,900
6420 ZZ	80420	100	250	58	206000	175000	2900	3400	12,900
6420 2RS	180420	100	250	58	206000	175000	900	-	12,900
6421	421	105	260	60	222000	179000	2700	3200	16,800
6422	422	110	280	65	247000	227000	2600	3000	21,300
6424	424	120	310	72	291000	287000	2300	2800	29,000
6426	426	130	340	78	300000	298000	2200	2500	38,000
62200 2RS	180500	10	30	14	5100	2400	17000	-	0,045
62201 2RS	180501	12	32	14	6900	3100	15000	-	0,048
62202 2RS	180502	15	35	14	7800	3750	13000	-	0,054
62203 2RS	180503	17	40	16	9500	4750	12000	-	0,083
62204 2RS	180504	20	47	18	12700	6550	10000	-	0,130
62205 2RS	180505	25	52	18	14000	7800	8500	-	0,150
62206 2RS	180506	30	62	20	16500	11200	7500	-	0,243
62207 2RS	180507	35	72	23	25500	15300	6300	-	0,388
62208 2RS	180508	40	80	23	30700	19000	5600	-	0,471
62209 2RS	180509	45	85	23	33200	21600	5000	-	0,523
62210 2RS	180510	50	90	23	35100	23200	4800	-	0,550
62211 2RS	180511	55	100	25	43600	29000	4300	-	0,700
62212 2RS	180512	60	110	28	47500	32500	4000	-	0,970
62213 2RS	180513	65	120	31	55900	40500	3600	-	1,250
62214 2RS	180514	70	125	31	60500	45000	3400	-	1,300
62300 2RS	180600	10	35	17	8000	3400	15000	-	0,060
62301 2RS	180601	12	37	17	9750	4150	14000	-	0,070
62302 2RS	180602	15	42	17	11400	5400	12000	-	0,110
62303 2RS	180603	17	47	19	13500	6550	11000	-	0,150
62304 2RS	180604	20	52	21	15900	7800	9500	-	0,207
62305 2RS	180605	25	62	24	22500	11600	7500	-	0,326
62306 2RS	180606	30	72	27	28100	16000	6300	-	0,493
62307 2RS	180607	35	80	31	33200	19000	6000	-	0,680
62308 2RS	180608	40	90	33	41000	24000	5000	-	0,890
62309 2RS	180609	45	100	36	52700	31500	4500	-	1,190
62310 2RS	180610	50	110	40	61800	38000	4300	-	1,500
62311 2RS	180611	55	120	43	71500	45000	3800	-	1,950
62312 2RS	180612	60	130	46	81900	52000	3400	-	2,500
62313 2RS	180613	65	140	48	92300	60000	3200	-	3,000
62314 2RS	180614	70	150	51	104000	68000	3000	-	3,550